

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A controller for a hydrostatic traversing mechanism with at least one hydraulic pump, which is connected via a first and a second main duct to a first hydraulic motor unit which drives a front axle and a second hydraulic motor unit which drives a rear axle, ~~the~~ an absorption volume of the first and the second hydraulic motor unit being adjustable via a first and a second variation device respectively, and a direction of motion being specified as a forward motion (F) or backward motion (R) by a position of driving lever, wherein the first and second variation device are controlled by a control valve, the control valve taking a first switch position in the case of forward motion (F) being defined by the position of the driving lever and a second switch position in the case of backward motion (R) being defined by the position of the driving lever, in the first switch position the first variation device being controlled so that the first hydraulic motor unit is adjusted in the direction of a smaller absorption volume, and in the second position the second variation device being controlled so that the second hydraulic motor unit is adjusted in the direction of a smaller absorption volume.

2. (Currently Amended) A controller for a hydrostatic traversing mechanism with at least one hydraulic pump, which is connected via a first and a second main duct to a first hydraulic motor unit which drives a front axle and a second hydraulic motor unit which drives a rear axle, ~~the~~ an absorption volume of the first and the second hydraulic motor unit being adjustable via a first and a second variation device respectively, and with an inclination as uphill inclination or

downhill inclination, wherein the first and second variation device are controlled by a control valve, the control valve - taking a first switch position in the case of downhill inclination, in the first switch position the first variation device being controlled so that the first hydraulic motor unit is adjusted in the direction of a smaller absorption volume, and in the second position the second variation device being controlled so that the second hydraulic motor unit is adjusted in the direction of a smaller absorption volume,

3. (Previously Presented) The controller according to Claim 1 or 2, wherein in the first switch position of the control valve a control pressure is applied to a control surface of a control valve of the first variation device, and a control surface of a control valve of the second variation device is connected to a tank volume, and in the second switch position of the control valve the control surface of the control valve of the first variation device is connected to the tank volume, and the control pressure is applied to the control surface of the control valve of the second variation device.

4. (Previously Presented) The controller according to Claim 1 or 2, wherein the control pressure is generated by an auxiliary pump.

5. (Previously Presented) The controller according to Claim 1 or 2, wherein the control valve is a 4/2-way valve.

6. (Currently Amended) The controller according to ~~Claim~~ Claim 1 or 2, wherein the control valve is a 4/3-way valve.

7. (Currently Amended) The controller according to Claim 6, wherein in a third switch position, the control surfaces of the control valves of the first and second variation device are connected to the tank volume.
8. (Previously Presented) The controller according Claim 1 or 2, wherein the control valve is actuated electromagnetically.
9. (Previously Presented) The controller according to Claim 1 or 2, wherein the first and second hydraulic motor unit each include at least two hydraulic motors, of which at least one can be switched on and off to change the absorption volume of the hydraulic motor unit.
10. (Previously Presented) The controller according to Claim 1 or 2, wherein the first and second hydraulic motor unit each include an adjustment motor.
11. (Previously Presented) The controller according to Claim 10, wherein the control valve is continuously adjustable between the first and second switch position.
12. (Previously Presented) The controller according to Claim 11, wherein the control valves are continuously adjustable between two final positions.
13. (Currently Amended) ~~The~~ A controller for a hydrostatic traversing mechanism with at least one hydraulic pump, which is connected via a first and a second main duct to a first hydraulic motor unit which drives a rear axle, ~~the~~ an absorption volume of the first and the

second hydraulic motor unit being adjustable via a first and a second variation device, wherein the first and second variation device are controlled by a control valve unit, the control valve unit taking a first or second switch position depending on the sign of the pressure difference between the first and second main duct, and in the first switch position the first variation device being controlled so that the first hydraulic motor unit is adjusted in the direction of a smaller absorption volume, and in the second position the second variation device being controlled so that the second hydraulic motor unit is adjusted in the direction of a smaller absorption volume.

14. (Previously Presented) The controller according to Claim 13, wherein the control valve unit includes a selection valve and a relief valve, and that in a first switch position of the selection valve a first input of the relief valve is connected to the first main duct, the first or second main duct which is connected to the relief valve being the one with lower pressure.

15. (Previously Presented) The controller according to Claim 14, wherein a control surface of a control valve of the first variation device is connected to the first input of the relief valve, and that a control surface of a control valve of the second variation device is connected to the second input of the relief valve.

16. (Previously Presented) The controller according to Claim 15, wherein the relief valve is switched into a first or second position depending on the pressure which is present at a first or second input, in the first position the second input being connected to a tank volume, and in the second position the first input being connected to the tank volume.

17. (Previously Presented) The controller according to Claim 13, wherein the first and second hydraulic motor unit each include at least two hydraulic motors, of which at least one can be switched on and off to change the absorption volume of the hydraulic motor unit.
18. (Previously Presented) The controller according to Claim 13, wherein the first and second hydraulic motor unit each include an adjustment motor (~~55, 56~~).
19. (Previously Presented) The controller according to Claim 18, wherein the selection valve and relief valve are continuously adjustable between appropriate final positions.
20. (Previously Presented) The controller according to Claim 19, wherein the control valves are continuously adjustable between two final positions.
21. (Previously Presented) The controller according to Claim 13, wherein between the selection valve and the relief valve an over-control valve, which in its idle position connects a first and second output of the selection valve to the first input and second output of the relief valve, and which in an over-control position connects both outputs of the selection valve to both inputs of the relief valve, is provided.
22. (Previously Presented) The controller according to Claim 21, wherein the relief valve is in a third position if the over-control valve is in its over-control position, and in the third position of the relief valve its first and second input are connected to the tank volume.

23. (Previously Presented) The controller according to one of Claim 13, wherein one control valve unit is integrated into each of the first hydraulic motor unit and second hydraulic motor unit.

24. (Currently Amended) The controller according to Claim 1, 2, or 13, wherein the change of the absorption volume of the first and second hydraulic motor unit in the direction of a smaller absorption volume is compensated for by a corresponding change of the absorption volume of the other hydraulic motor unit in the direction of a greater absorption volume.